

# Highway Construction Guide

Missouri Department of Transportation  
Kansas City Area



2006

# Highway Construction & Work Zone Safety

You pay a high price for failure to slow down and drive carefully in a work zone:

- Your chances of colliding with equipment or a worker increase substantially.
- You could seriously injure or kill yourself, your passengers or highway workers.
- Any incident in a work zone will delay you and hundreds of other frustrated motorists, to say nothing of stalling the highway improvements.
- Fines in work zones double, so even if you are ticketed, points go on your license and your wallet takes a hit.

More than 100 construction projects ranging from new bridges to resurfacing will be under way this season in the eight-county Kansas City area.

Slow down. Save lives.

# Safety Tips

- As soon as you see a work zone ahead, turn down your radio, get off the cell phone immediately!



- Slow down as you approach a work zone.
- Follow instructions on signs and message boards in a work zone.

- Stay alert and watch the traffic around you.

- Merge into the proper lane before you enter a work zone.



# 2006 MoDOT District 4 — Construction / SRI / Preventive Maintenance Projects

## Cass County

### Construction projects continuing or beginning in 2006:

- Route 58: continue to widen, resurface and construct roundabouts from Route D to Scott Avenue.
- Route 58: resurface from Raymore city limits east to Route W in Johnson County.

### Smooth Roads Initiative projects to be completed in 2006:

- Route 58: resurface east- and westbound lanes from Clint Drive to Route Y. Nighttime work.

### Preventive Maintenance projects planned for fiscal year 2006:

- Route C: resurface from Peculiar city limits to Route 2.
- Route P: chip seal from Route 291 to Route 7.
- Route TT: chip seal from Route 7 to end.
- Route 71 East Outer Road: chip seal from crossover bridge to Route 291.
- Route 71 West Outer Road: chip seal from Pickering Drive to Route YY.

## Clay County

### Construction projects continuing or beginning in 2006:

- I-435 Clay/Jackson Counties: rehabilitate north- and southbound bridge lanes and widen shoulders at the Missouri River. Nighttime work.
- Route 33: widen to three lanes through Kearney from 0.3 mile north to 1 mile south of Route 92.
- Route 69: resurface north- and southbound lanes from north of Route 10 to Fishing River.
- Route 69: resurface, bridge rehabilitation, and safety improvements from I-35 to Platte County line.
- Route 92: replace bridge 2.5 miles east of Route 33. Daytime work.

### Smooth Roads Initiative projects to be completed in 2006:

- I-435 Clay/Platte Counties: repair east- and westbound concrete pavement from I-35 to I-29.
- I-35: resurface north- and southbound lanes and shoulders from Clinton County line to Fishing River. Nighttime work.
- I-35: resurface north- and southbound lanes and shoulders from Pleasant Valley Road to Parvin Road. Nighttime work.
- I-35: resurface southbound lanes and shoulders from Fishing River to Pleasant Valley.
- Route 169: resurface north- and southbound lanes from Broadway Bridge to 108<sup>th</sup> Street. Nighttime work.
- Route 169: diamond grind southbound lanes and fog seal shoulders from north of I-435 interchange to north of 108<sup>th</sup> Street.
- Route 169: diamond grind northbound lanes and fog seal shoulders from north of Barry Road to south of I-435.
- Route 152: diamond grind east- and westbound lanes and fog seal shoulders from west of I-435 interchange to west of I-35 interchange. Nighttime work.
- Route 210: resurface east- and westbound lanes and seal shoulders from west of I-29 to east of Walker Road.
- Route 269 (Chouteau Trafficway): resurface north- and southbound lanes from south of I-35 to Route 210. Daytime work.
- Route 291: resurface from Route 33 to Route 152. Nighttime work.
- Route 9: repair north- and southbound concrete pavement from Route 169 to Platte County line.

### Preventive Maintenance projects planned for fiscal year 2006:

- I-35 south outer road: resurface from Route 291 to Pleasant Valley Road.
- Route 169: resurface ramps at Barry Road.
- Route 169: resurface south outer road from north of 70<sup>th</sup> Street to Englewood Road.
- Route 210: resurface from Route EE to Route Z.
- Route A: resurface from Route 291 to Route 92.
- Route C: chip seal from Route 92 to Clinton County line.

## Henry County

### Construction projects continuing or beginning in 2006:

- Route 18: resurface from Business 13 to Pennsylvania Street.
- Route 13: paint bridge over South Grand River.
- Route U: resurface from Route 7 to Bucksaw Marina entrance.
- Business 13: upgrade signals at Route 18 intersection.

### Preventive Maintenance projects planned for fiscal year 2006:

- Route 2: chip seal from Windsor to Johnson County line.

\*Smooth Roads Initiative project funding provided by Amendment 3

- Regular construction program
- Smooth Roads Initiative\*
- Preventive Maintenance



## Jackson County

### Construction projects continuing or beginning in 2006:

- I-70 at Manchester Bridge: urgent bridge rehabilitation will close all eastbound lanes of I-70 over Manchester Road for a weekend. Traffic will detour to Route 40. Daytime and nighttime work.
- The Triangle
- I-435/I-470/Route 71: construction of new lanes, bridges and ramps from Bannister Road to Blue Ridge Boulevard and from Grandview Road overpass to Blue Ridge Boulevard. This includes periodic lane restrictions, detours or nighttime closures. Much of the work will be from Red Bridge Road interchange south on Route 71. Daytime and nighttime work continues throughout 2006-2007.
  - I-470: rehabilitate Hillcrest Road Bridge over I-470.
  - Route 71: continue to reconstruct I-435/I-470 at Route 71 interchange and construct new Route 71 collector roads from Red Bridge Road to south of Blue Ridge Boulevard. Also, relocate Red Bridge Road, construct a transit center northwest of Red Bridge and Route 71, widen Hickman Mills Drive to four lanes from I-470 to a half mile south of Red Bridge Road.

- Route 71: resurface lanes and rehabilitate bridges from 87<sup>th</sup> Street to bridge over Route W (Bannister Road).
- Route 71: repair wingwall on east outer road north of Bannister Road.
- I-435 Clay/Jackson Counties: rehabilitate north- and southbound bridge lanes and widen shoulders at the Missouri River. Nighttime work. Estimated completion: October 31, 2007.
- I-35/I-670: Truman Road bridge replacement.
- I-35: resurface lanes and rehabilitate bridges from I-70 west junction to 20<sup>th</sup> St.
- I-670: resurface south side of downtown loop.
- Route 150: resurface east- and westbound lanes from Route 71 to Route 291. Nighttime work.
- Route 291: construct guardrail from Kentucky Road north .45 miles.
- Route 24: resurface east- and westbound lanes and shoulders, rehabilitate bridges from Blue Mills Road to Route 7. Variable daytime and nighttime work.
- Route 7: install signals and turning lanes at Route 150, south junction.
- Route 7: resurface north- and southbound lanes from Colbern Road to Route 50. Nighttime work.
- Route 7: resurface north- and southbound lanes from Route 50 south to Cass County line. Nighttime work.

### Smooth Roads Initiative projects to be completed in 2006:

- I-70: resurface east- and westbound lanes and seal shoulders from Route 7 in Blue Springs to Route D near Bates City. Nighttime work.
- I-70: resurface eastbound lanes from Route 7 to Route Z. Nighttime work.
- I-435: resurface east- and westbound lanes and seal shoulders from Route 71 to Kansas state line.
- I-470: resurface north- and southbound lanes, ramps and shoulders from west of Raytown Road to Bowlin Road. Nighttime work.
- Route 7: diamond grind and seal shoulders from south of Sunset Drive to Moreland School Road. Nighttime work.
- Route 7: resurface lanes and shoulders from I-70 to Sunset Drive.
- Route 50: resurface lanes and ramps from 1.5 miles west of I-470 to 1.4 miles east of Route 50/I-470 junction.
- Route 24: resurface lanes from Ewing Avenue to Allen Road.
- Route 40: resurface east- and westbound lanes from I-470 to Route 7 in Blue Springs. Nighttime work.
- Route 78: resurface east- and westbound lanes from I-435 to Route 291.
- Route 291: resurface north- and southbound lanes from Sunset Drive to I-70. Nighttime work.
- Route 291: diamond grind north- and southbound lanes from north of Route 24 to north of Sunset Drive.

### Preventive Maintenance projects planned for fiscal year 2006:

- Route 150: resurface east- and westbound lanes from Route 7 east to Route 50. Nighttime work.
- Route 71: resurface at 155<sup>th</sup> Street.
- Route BB: chip seal from Jefferson to Duncan; Pink Hill Road to Route 24.
- Route F: chip seal from Route 50 to south of Oak Grove.

## Johnson County

### Construction projects beginning or continuing in 2006:

- Route 50: stabilize shoulders and partial realignment of the south outer road from Business 50 to Enterprise Road in Warrensburg.
- Route 50: construct acceleration and deceleration lanes at Devasher Road in Warrensburg.
- Route 50: roadway and bridge rehabilitation from Route HH to Route FF.
- Route 58: resurface from Route 131 to Vine Street.
- Route 58: upgrade shoulders, guardrail and slide repair 2 miles south of Route 50.
- Route 58: resurface spur from Route 58 to Main Street in Centerville.
- Route W: resurface from Route 58 to Route 50.

### Preventive Maintenance projects planned for fiscal year 2006:

- Business Route 50: resurface east- and westbound lanes from Route 50 west intersection to Route 50 east intersection in Warrensburg.
- Route 2: chip seal from Chilhowee to Route ZZ.
- Route AA: chip seal from Route 50 to Route 58.

## Lafayette County

### Construction projects beginning or continuing in 2006:

- I-70 Outer Road: replace bridge over Horseshoe Creek .6 mile east of Jackson County line.
- I-70: resurface east- and westbound lanes and shoulders from Johnson Drive to Route 13. Variable day- and nighttime work.
- Route 23: replace bridge 2.47 miles south of Route 24.

### Smooth Roads Initiative projects to be completed in 2006:

- I-70: resurface east- and westbound lanes from Route 7 in Blue Springs to Route D near Bates City. Nighttime work.
- I-70: resurface east- and westbound lanes and seal shoulders from Route Z to Johnson Drive.

### Preventive Maintenance projects planned for fiscal year 2006:

- Route 13: resurface north- and southbound lanes from Route I-70 north to Cypress Street in Higginsville.
- Route 23: resurface from Concordia to Route CC.
- Route 23: chip seal from Concordia north city limit to Route 24.
- Route Z: resurface from I-70 south outer road to Route 50.

## Platte County

### Construction projects beginning or continuing in 2006:

- I-635: construct new diamond interchange at New Horizons Parkway.
- I-635: resurface ramps from I-635 to Route 9.
- Route C: resurface from Route 92 to Cookingham Drive

### Smooth Roads Initiative projects to be completed in 2006:

- I-635: resurface north- and southbound lanes and shoulders and resurface ramps from I-29 to the Missouri River Bridge.
- I-435 Clay/Platte Counties: repair east- and westbound concrete pavement from I-35 to I-29.
- Route 45: diamond grind east- and westbound lanes from Cosby Avenue to south of Chatham Avenue. Nighttime work.
- I-29: resurface north- and southbound lanes and shoulders from Route 92 to Buchanan County line.

### Preventive Maintenance projects planned for fiscal year 2006:

- I-29 west outer road (Prairie View Road): resurface from Route D (120<sup>th</sup> Street) to north of Route 152 (Tiffany Springs Road).
- I-29 west outer road (Prairie View Road): resurface from Route 45 (64<sup>th</sup> Street) to Houston Drive (56<sup>th</sup> Street).
- Route Z: chip seal from I-29 to the Clinton County line.

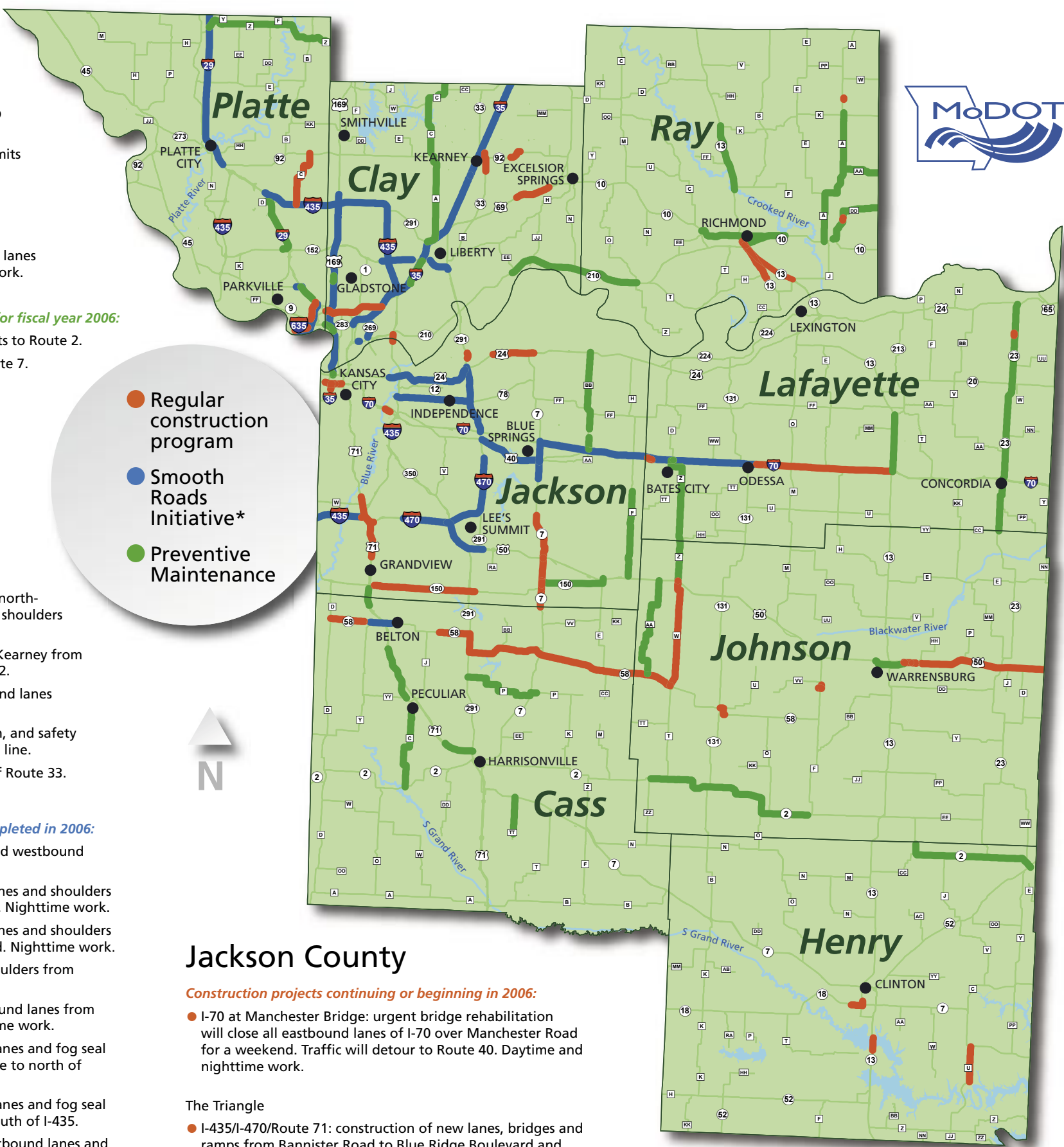
## Ray County

### Construction projects beginning or continuing in 2006:

- Route 13: crews will continue work on six new bridges and new highway lanes between Richmond and Route J. Existing Route 13 will be resurfaced from the Burlington Northern Railroad to the Congressman Ike Skelton (Missouri River) bridge.
- Route 13: pave from Route 10 to Burlington Northern and Norfolk Southern railroad.
- Route A: replace bridge over Wakenda Creek.
- Route DD: replace bridge 1.8 miles north of Route 10.

### Preventive Maintenance projects planned for fiscal year 2006:

- Route 210: resurface from Route EE to Route Z.
- Route 13: resurface from Route K to Crooked River.
- Business Route 10: resurface from Route 10 to Route 13.
- Route A: chip seal from Route K to Route 10.
- Route AA: chip seal from Route A to Carroll County line.
- Route DD: chip seal from Route 10 to Carroll County line.





# Scout Your Route for Traffic Tie-ups

Before driving Kansas City-area freeways remember to visit [www.kcscout.net](http://www.kcscout.net) for the latest information about traffic conditions. Whether lanes are blocked because of a work zone, an accident, or other incidents, the Kansas City Scout traffic management system will let you know where the traffic tie-ups are before you get there.



KANSAS CITY

SCOUT

*getting you there*

Scout operators manage traffic on approximately 80 miles of freeway in the Kansas City metro area. From the Scout Web site you'll be able to see average traffic speeds along the Scout system, pull up camera images of freeway traffic, and read active traffic alerts posted on Scout message boards along the freeways.

# What's It Mean?

**Construction** - building new pavement or bridges

**Rehabilitation** - removing and replacing deteriorated concrete and/or structural steel

**Resurface** - Usually placing a new layer of asphalt

**Milling** - Grinding off a layer or more of old asphalt so that resurfacing is smooth and the roadway isn't substantially higher

**Diamond grind** - milling a shallow (¼-inch or less) portion of concrete pavement to smooth the road surface

**Chip seal** - asphalt patching followed by spraying liquid asphalt and covering it with fine gravel chips

**Seal** - spraying quick-drying liquid asphalt on shoulders to keep out moisture

**Preventive maintenance** - improvements to make roads and bridges last longer

# Find Out More

Call MoDOT's Customer Service Center  
toll free at **1-888-ASK MODOT**  
( 2 7 5 - 6 6 3 6 )

Or go to MoDOT's Web site at  
**[www.modot.org/kansascity](http://www.modot.org/kansascity)**  
for more information about construction  
updates in the Kansas City area.

Traveling through the Triangle  
interchange? Go to the Triangle Web site  
at **[kctriangle.org](http://kctriangle.org)** for the latest in  
traffic advisories in that construction  
zone. It also contains information  
on Kansas City's biggest highway  
construction project.

You can also send us an e-mail at  
**[comments@modot.mo.gov](mailto:comments@modot.mo.gov)**